

crt sequences.WorkFile

Organization Applicant

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Street : 351 Tache Avenue  
City : Winnipeg  
State : Manitoba  
Country : Canada  
PostalCode : R2H 2A6  
PhoneNumber : 204-235-3206  
FaxNumber :  
EmailAddress :  
<110> OrganizationName : St. Boniface General Hospital Research Centre

Individual Applicant

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Street : 351 Tache Avenue  
City : Winnipeg  
State : Manitoba  
Country : Canada  
PostalCode : R2H 2A6  
PhoneNumber :  
FaxNumber :  
EmailAddress :  
<110> LastName : Mesaeli  
<110> FirstName : Nasrin  
<110> MiddleInitial :  
<110> Suffix :

Application Project

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<120> Title : Transgenic Mouse over-expressing calreticulin (CRT) in vascular  
smooth muscle cells  
<130> AppFileReference : 81190-2602  
<140> CurrentAppNumber :  
<141> CurrentFilingDate : \_\_\_\_\_

Earlier Applications

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<150> PriorAppNumber : US 60/455399  
<151> PriorFilingDate : 2003-03-18

Sequence

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<213> OrganismName : Artificial  
<400> PreSequenceString :  
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tcctgggtga gactgaccct gcctgagggt tctctccctc cctctctcta ctcccttcct 180  
ccctctccct ctccctctct ctgtttcctg aggtttccag gattggggat gggactcaga 240  
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agtcaagact agttcccacc aactcgattt taaagccctt caagaagggtg gttgtttgt 900  
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<212> Type : DNA

<211> Length : 2655

SequenceName : SM22a-CRT

SequenceDescription :

#### Feature

Sequence: SM22a-CRT:

<221> FeatureKey : CDS  
<222> LocationFrom : 1319  
<222> LocationTo : 2653

Other Information : CRT coding sequence

CDSJoin : No

#### Sequence

<213> OrganismName : Artificial

<400> PreSequenceString :

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<212> Type : DNA

<211> Length : 2691

SequenceName : sm22a-crt-ha

SequenceDescription :

Feature

Sequence: sm22a-crt-ha:

<221> FeatureKey : CDS

<222> LocationFrom : 1319

<222> LocationTo : 2689

Other Information :

CDSJoin : No

Feature

Sequence: sm22a-crt-ha:

<221> FeatureKey : misc\_feature

<222> LocationFrom : 2635

<222> LocationTo : 2670

Other Information : HA insertion

CDSJoin : No

Sequence

<213> OrganismName : Artificial

<400> PreSequenceString :

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DMHGDSEYNI	MFGPDICGPG	TKKVHVIFNY	KGKNVLINKD	IRCKDDEFTH	LYTLIVRPDN	180
TYEVKIDNSQ	VEGSLEDDW	DFLPPKKIKD	PDASKPEDWD	ERAKIDDPTD	SKPEDWDKPE	240
HIPDPDAKKP	EDWDEEMDGE	WEPPVIQNPE	YKGEWKPRQI	DNPDYKGTWI	HPEIDNPEYS	300
PDANIYAYDS	FAVGLGLDWQ	VKS GTIFDNF	LITNDEAYAE	EFGNETWGVT	KTAEKQMKDK	360
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<212> Type : PRT

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<211> Length : 418  
SequenceName : crt  
SequenceDescription :

Sequence

<213> OrganismName : Artificial

<400> PreSequenceString :

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DMHGDSEYNI	MFGPDICGPG	TKKVHVIFNY	KGKNVLINKD	IRCKDDEFTH	LYTLIVRPDN	180
TYEVKIDNSQ	VESGSLEDDW	DFLPPKKIKD	PDASKPEDWD	ERAKIDDPTD	SKPEDWDKPE	240
HIPDPDAKPK	EDWDEEMDGE	WEPPVIQNPE	YKGEWKPRQI	DNPDYKGTWI	HPEIDNPEYS	300
PDANIYAYDS	FAVLGLDLWQ	VKSgtIFDNF	LITNDEAYAE	EFGNETWGVT	KTAEKQMKDK	360
QDEEQRLKEE	EEEKKRKEEEE	EAEEDEEDKD	DKEDEDEDEE	DKDEEEEEAA	AGLEYPYDVP	420
DYARQAKDEL						430

<212> Type : PRT

<211> Length : 430

SequenceName : crtha

SequenceDescription :

Feature

Sequence: crtha:

<221> FeatureKey : MISC\_FEATURE

<222> LocationFrom : 413

<222> LocationTo : 424

Other Information : HA Tag

CDSJoin : No